

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	blanch\$4 with skin with (PPG oximeter LED)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/11/15 18:09
L2	67	blanch\$4 with skin with (detect\$4 measur\$4 sens\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/11/15 18:09
S1	2	"20060074326".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 14:46
S2	101662	"600"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 16:52
S3	27350	A61B005/00.ipc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 16:52
S4	114144	S2 or S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 16:53
S5	775121	(limb or extremity or foot or arm or leg) with (angle or position or height or posture)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 16:53
S6	10616	S5 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 16:54
S7	211122	(limb or extremity or foot or arm or leg) with (angle or position or height or posture)	EPO; JPO; DERWENT	OR	ON	2011/02/15 16:54
S8	147376	A61B\$.ipc.	EPO; JPO; DERWENT	OR	ON	2011/02/15 16:54
S9	1590	S7 and S8	EPO; JPO; DERWENT	OR	ON	2011/02/15 16:54
S10	489	S6 and ((low adj2 pass with high adj2 pass) band adj2 pass)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 16:56
S11	93	S6 and filter with (puls\$6 alternat\$4 reciproc\$5) with frequency with (component parameter part constituent aspect element)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 16:58

S12	98	S6 and filter\$3 with (puls\$6 alternat\$4 reciproc\$5) with frequency with (component parameter part constituent aspect element)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 16:58
S13	103	S6 and filter\$3 with (puls\$6 alternat\$4 reciproc\$5 oscillat\$4) with frequency with (component parameter part constituent aspect element)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 17:00
S14	15054	(limb or extremity or foot or arm or leg) with (angle or position or height or posture) with second	EPO; JPO; DERWENT	OR	ON	2011/02/15 17:03
S15	7	S14 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 17:04
S16	142626	(limb or extremity or foot or arm or leg) with (angle or position or height or posture) with second	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 17:04
S17	7	S15 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 17:05
S18	1974	S16 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 17:05
S19	13181	(venous or aterial or artery or vein or circulatory or vessel or peripheral) with ( valve or tone or health or elastic\$4 or resistanc\$4 or modulus or capacit\$6 or tension) same (elderly or diabet\$4 or aterioscler\$6 or atheroscler\$6 or \$5sclero\$5 or (hard\$4 near2 arter\$4) or old or older or age)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 17:38
S20	19	S18 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 17:39
S21	56	S16 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 17:43
S22	1	S4 and supine same perfusion same height same (limb or extremity or foot or arm or leg)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 17:47

S23	4	S4 and perfusion same height same (limb or extremity or foot or arm or leg)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 17:48
S24	36	600/334.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/15 17:58
S25	140	US-20070270699-\$.DID. OR US-20070225582-\$. DID. OR US-5978503-\$. DID. OR US-4998534-\$. DID. OR US-20080033265- \$.DID. OR US-6001073-\$. DID. OR US-5868683-\$. DID. OR US-20080077024- \$.DID. OR US-6114934-\$. DID. OR US-20070015976- \$.DID. OR US- 20080262346-\$.DID. OR US-6120290-\$.DID. OR US-20070066998-\$.DID. OR US-20090201490-\$. DID. OR US-6701271-\$. DID. OR US-20080033310- \$.DID. OR US- 20090204366-\$.DID. OR US-6872182-\$.DID. OR US-6980853-\$.DID. OR US-5644810-\$.DID. OR US-7078921-\$.DID. OR US-5649536-\$.DID. OR US-5999854-\$.DID. OR US-7094532-\$.DID. OR US-5836888-\$.DID. OR US-6203425-\$.DID. OR US-7197351-\$.DID. OR US-6045510-\$.DID. OR US-6430997-\$.DID. OR US-7206622-\$.DID. OR US-6413224-\$.DID. OR US-7409373-\$.DID. OR US-7316653-\$.DID. OR US-20080177194-\$.DID. OR US-20020094113-\$. DID. OR US-7361148-\$. DID. OR US-20030153817- \$.DID. OR US-7641617-\$. DID. OR US-6027453-\$. DID. OR US-20050237385- \$.DID. OR US-7764996-\$. DID. OR US-6036651-\$. DID. OR US-20080275349- \$.DID. OR US-7787692-\$. DID. OR US-4936309-\$. DID. OR US-20090171146- \$.DID. OR US-7806088-\$. DID.	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/15 18:10

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S26	27358	A61B005/00.ipc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 12:26
S27	27358	S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 12:26
S28	101741	"600"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 12:27
S29	114223	S28 or S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 12:27
S30	114223	S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 12:27

S31	5673696	S30 and (posture or height or position or distance or angle) with2 (limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 12:29
S32	5673696	S30 and (posture or height or position or distance or angle) with2 (limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 12:30
S33	23132	S30 and (posture or height or position or distance or angle) with (limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 12:30
S34	33843	S30 and (posture or height or position or distance or angle) same (limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 12:30
S35	16994	S34 and (ac-\$3 or ac/\$3 or AC or DC or non-puls\$6 or nonpuls\$6 or \$6puls\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 12:32
S36	2543	S35 and (\$6plethys\$6 or PPG or (blood near2 volume))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 12:33
S37	275	S35 and (\$6plethys\$6 or PPG or (blood near2 volume)) same (posture or height or position or distance or angle) with (limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 12:34
S38	42	S30 and ratio\$2 near2 ratio \$2 with (periph\$6 or health or vascular or vessel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:15
S39	28	S37 and ratio\$2 near2 ratio \$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:21
S40	6340	S34 and (ac-\$3 or ac/\$3 or AC or DC or non-puls\$6 or nonpuls\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:25
S41	6340	S40 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:25

S42	4318	S40 and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:26
S43	15728	S30 and (posture or height or position or distance or angle) near5 (limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:26
S44	9722	S30 and (posture or height or position or distance or angle) near2 (limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:26
S45	1850	S40 and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:27
S46	363	S45 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:27
S47	1850	S44 and (ac-\$3 or ac/\$3 or AC or DC or non-puls\$6 or nonpuls\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:28
S48	5384	(posture or height or position or distance or angle or rais\$4 or lift\$4 or elevat\$4) with (limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe) same (oximeter or oxygen or perfusion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:52
S49	4623	(posture or height or position or distance or angle or rais\$4 or lift\$4 or elevat\$4) with (limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe) same (oximeter or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:53
S50	1177	(posture or height or position or distance or angle or rais\$4 or lift\$4 or elevat\$4) near2 (limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe) same (oximeter or oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:53

S51	510	(posture or height or position or distance or angle or rais\$4 or lift\$4 or elevat\$4) with (limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe) same (oximeter or oxygen) and oximet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:54
S52	192	(posture or height or position or distance or angle or rais\$4 or lift\$4 or elevat\$4) near2 (limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe) same (oximeter or oxygen) and oximet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 13:54
S53	0	600/330.ccls	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 14:36
S54	90	600/330.ccls,.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 14:36
S55	90	600/330.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 14:36
S56	10	S55 and (posture or height or position or distance or angle or rais\$4 or lift\$4 or elevat\$4) with (supine or stand\$4 or seat\$4 limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 14:40
S57	2286	600/323-340.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 14:55
S58	1295	600/481-483.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 14:55
S59	2928	600/500-507.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 14:56
S60	6027	S57 S58 S59	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 14:56



S61	1829	S60 and (posture or height or position or distance or angle or rais\$4 or lift\$4 or elevat\$4) with (supine or stand\$4 or seat\$4 limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 14:57
S62	1112	S60 and (posture or height or position or distance or angle or rais\$4 or lift\$4 or elevat\$4) near3 (supine or stand\$4 or seat\$4 limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 14:57
S63	819	S60 and (posture or height or position or distance or angle or rais\$4 or lift\$4 or elevat\$4) near3 (supine or stand\$4 or seat\$4 limb or finger or ankle or leg or foot or hand or wrist or arm or thumb or toe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 14:58
S64	2	S60 and posture.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 14:59
S65	25	S60 and posture.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 15:00
S66	72	S60 and (posture or height or position or distance or angle or rais\$4 or lift\$4 or elevat\$4) near3 (supine or stand\$4 or seat\$4 limb or finger or ankle or leg or foot or hand or heart or wrist or arm or thumb or toe).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 15:02
S67	4	"6537225".pn. or "6334850".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 16:26

S68	66	("4735213"   "4802486"   "4821734"   "4872461"   "4901733"   "4928692"   "4951679"   "5048533"   "5111826"   "5152296"   "5170796"   "5309916"   "5316008"   "5385149"   "5582179"   "5649543"   "5766130"   "5810723"   "5876346"   "6022321"   "6334850"   "RE35122"). PN. OR ("6334850"   "6537225").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/17 16:26
S69	1	"4494550".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/17 17:10
S70	29	("4494550").URPN.	USPAT	OR	ON	2011/02/17 17:10
S71	0	S70 and posture	USPAT	OR	ON	2011/02/17 17:11
S72	11	S70 and (posture or height or position or distance or angle or rais\$4 or lift\$4 or elevat\$4) near3 (supine or stand\$4 or seat\$4 limb or finger or ankle or leg or foot or hand or wrist or arm or thumb or toe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 17:11
S73	11	("5365924").URPN.	USPAT	OR	ON	2011/02/17 17:13
S74	4	S73 and (posture or height or position or distance or angle or rais\$4 or lift\$4 or elevat\$4) near3 (supine or stand\$4 or seat\$4 limb or finger or ankle or leg or foot or hand or wrist or arm or thumb or toe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 17:13
S75	335	perfusion near2 index	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 17:15
S76	496	perfusion near2 (index or factor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 17:16
S77	3	"3796213".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 17:22
S78	29	("3087488"   "3227155"   "3228391"   "3269386"   "3400709"   "3527542"   "3556084"   "3570474"). PN. OR ("3796213"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/17 17:22

S79	2	"5,766,127".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 17:38
S80	1048	hydrostatic and ppg	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 17:51
S81	148	S80 and (posture or height or position or distance or angle or rais\$4 or lift\$4 or elevat\$4) near3 (supine or stand\$4 or seat\$4 limb or finger or ankle or leg or foot or hand or wrist or arm or thumb or toe or head)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/17 17:51
S82	2	"7330745".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/03/08 11:26
S83	0	JP-8182658-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/03/08 11:28
S84	0	JP8182658-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/03/08 11:28
S85	0	JP8182658-\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/03/08 11:29
S86	0	JP-8182658-\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/03/08 11:29
S87	0	JP-8182658	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/03/08 11:29
S88	55	NAGASHIMA near2 YOSHINAO.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/03/08 11:29
S89	140	US-20070270699-\$.DID. OR US-20070225582-\$. DID. OR US-5978503-\$. DID. OR US-4998534-\$. DID. OR US-20080033265- \$.DID. OR US-6001073-\$. DID. OR US-5868683-\$. DID. OR US-20080077024- \$.DID. OR US-6114934-\$. DID. OR US-20070015976- \$.DID. OR US- 20080262346-\$.DID. OR US-6120290-\$.DID. OR US-20070066998-\$.DID. OR US-20090201490-\$. DID. OR US-6701271-\$. DID.	US-PGPUB; USPAT; USOCR	OR	ON	2011/03/18 10:48

DID. OR US-20080033310-  
\$.DID. OR US-  
20090204366-\$.DID. OR  
US-6872182-\$.DID. OR  
US-6980853-\$.DID. OR  
US-5644810-\$.DID. OR  
US-7078921-\$.DID. OR  
US-5649536-\$.DID. OR  
US-5999854-\$.DID. OR  
US-7094532-\$.DID. OR  
US-5836888-\$.DID. OR  
US-6203425-\$.DID. OR  
US-7197351-\$.DID. OR  
US-6045510-\$.DID. OR  
US-6430997-\$.DID. OR  
US-7206622-\$.DID. OR  
US-6413224-\$.DID. OR  
US-7409373-\$.DID. OR  
US-7316653-\$.DID. OR  
US-20080177194-\$.DID.  
OR US-20020094113-\$.  
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S90	60	S89 and ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/03/18 10:48
S91	28	S90 and posture	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/03/18 10:57
S92	31	("4569355"   "4836212"   "5137023"   "5237994"   "5361769"   "5365924"   "5437275"   "5638593"   "5730136"   "5842982"   "5991648"   "5991654"   "6047201"   "6470199"   "6589171").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/03/18 11:15
S93	1182	crabtree.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/18 14:51
S94	7	crabtree near5 vinc\$4.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/18 14:51
S95	103090	"600"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/18 14:53
S96	28731	A61B005/00.ipc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/18 14:53
S97	116782	S95 or S96	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/18 14:53
S98	90	S97 and ratio same pulsating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/04/18 14:53
S99	0	("2006/0206019").URPN.	USPAT	OR	ON	2011/04/18 14:58
S100	17	("2001/0005773").URPN.	USPAT	OR	ON	2011/04/18 15:07
S101	2429	600/323-340.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/11/15 11:05

S102	1382	600/481-483.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/11/15 11:05
S103	3043	600/500-507.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/11/15 11:05
S104	6348	S101 S102 S103	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/11/15 11:05
S105	6348	S104	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/11/15 11:05
S106	262	S105 and (pre adj process\$4 preprocess\$4 filter\$4) with (AC alternat\$4 puls\$7) with (DC non adj (puls\$7 alternat \$4) constant direct)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/11/15 11:07

**EAST Search History (Interference)**

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